

WHAT IS CLAIMED IS:

- 1 1. A composition comprising a thermolabile protein admixed with a liquor waste.
- 1 2. The composition of claim 1, wherein the composition is in dried form.
- 1 3. The composition of claim 1, wherein the liquor waste is a crop liquor waste.
- 1 4. The composition of claim 3, wherein the liquor waste is a white liquor waste.
- 1 5. The composition of claim 4, wherein the liquor waste is a sorghum liquor waste.
- 1 6. The composition of claim 1, wherein the thermolabile protein is an enzyme.
- 1 7. The composition of claim 6, wherein the composition is in dried form.
- 1 8. The composition of claim 6, wherein the liquor waste is a crop liquor waste.
- 1 9. The composition of claim 8, wherein the liquor waste is a white liquor waste.
- 1 10. The composition of claim 9, wherein the liquor waste is a sorghum liquor waste.
- 1 11. A method of enhancing protein thermostability, the method comprising:
 - 2 mixing a solution of a thermolabile protein with a liquor waste, and
 - 3 drying the mixture.
- 1 12. The method of claim 11, wherein the liquor waste is dried.
- 1 13. The method of claim 12, wherein the liquor waste is a crop liquor waste.
- 1 14. The method of claim 13, wherein the liquor waste is a white liquor waste.

- 1 15. The method of claim 14, wherein the liquor waste is a sorghum liquor waste.
- 1 16. The method of claim 11, wherein the thermolabile protein is an enzyme.
- 1 17. The method of claim 16, wherein the liquor waste is dried.
- 1 18. The method of claim 17, wherein the liquor waste is a crop liquor waste.
- 1 19. The method of claim 18, wherein the liquor waste is a white liquor waste.
- 1 20. The method of claim 19, wherein the liquor waste is a sorghum liquor waste.
- 1 21. The method of claim 11, wherein the liquor waste is distilled.
- 1 22. The method of claim 21, wherein the liquor waste is doubly distilled.
- 1 23. The method of claim 22, wherein the liquor waste is dried.
- 1 24. The method of claim 23, wherein the liquor waste is a crop liquor waste.
- 1 25. The method of claim 24, wherein the liquor waste is a white liquor waste.
- 1 26. The method of claim 25, wherein the liquor waste is a sorghum liquor waste.